



Rivers Monitoring Report  
Survey Date: October 15, 2025

Parameter	Unit	Assiniboine River				Red River						
		Headingly Bridge	West Perimeter Bridge	Assiniboine Park Foot Bridge	Main Street Bridge	South Floodway Control	South Perimeter Bridge	Fort Garry Bridge	Norwood Bridge	Redwood Bridge	North Perimeter Bridge	Lockport Bridge
Sample Number		791722	791724	791721	791723	791726	791732	791727	791730	791731	791729	791728
Temperature	° C	9.0	9.1	8.9	8.9	11.1	11.1	11.5	11.0	10.6	10.4	11.1
pH	units	8.48	8.46	8.52	8.51	8.35	8.32	8.33	8.38	8.39	8.28	8.28
Dissolved Oxygen	mg/L	11.5	11.5	11.5	11.2	10.2	10.1	10.0	9.9	10.2	10.0	11.0
Oxygen Saturation	%	99	100	98	96	92	92	91	90	91	89	99
Biochemical Oxygen Demand	mg/L	<4	<4	4	<4	<4	<4	<4	4	<4	<4	<4
Total Solids	mg/L	750	748	764	694	932	942	944	916	880	864	906
Total Suspended Solids	mg/L	112	125	116	68	69	54	50	49	21	13	29
Turbidity	n.t.u.	60	69	70	40	50	40	36	24	24	20	13
Chlorophyll a	ug/L	30.7	23.4	32.9	26.7	4.8	4.8	4.3	3.7	9.6	8.0	5.3
Total Organic Carbon	mg/L	10.1	10.5	13.1	9.8	15.7	16.4	15.9	17.1	16.3	13.9	14.7
Total Nitrogen	mg/L N	1.2	1.3	1.2	1.2	1.8	1.9	2.0	1.9	1.8	2.3	2.1
Ammonia Nitrogen	mg/L N	<0.003	<0.003	0.009	0.005	0.036	0.036	0.039	0.044	0.042	0.463	0.311
Nitrate Nitrogen	mg/L N	0.212	0.247	0.211	0.265	0.472	0.502	0.554	0.547	0.522	0.541	0.576
Soluble Phosphorus	mg/L P	0.10	0.11	0.11	0.12	0.24	0.24	0.23	0.21	0.19	0.24	0.24
Total Phosphorus	mg/L P	0.24	0.26	0.25	0.21	0.29	0.28	0.28	0.26	0.24	0.29	0.28
Escherichia coli	MPN/100 mL	500	470	570	450	390	330	160	160	230	36,500	3,320
Fecal Coliform	MPN/100 mL	580	630	670	730	260	300	200	170	220	24,800	2,790

Notes: ns - no sample na - not analyzed nr - not recorded or no result

Weather conditions during monitoring:

Wind Direction: South-South West (SSW)  
 Wind Speed: 4 km/h  
 Cloud Coverage: 85 %  
 Precipitation: 0.1 mm  
 Air Temperature: 8 °C

Report Date:

November 28, 2025